

HEIDI-REC-90

~35° + 55° rectangular beam

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	12.9 mm
ROHS compliant	yes ⓘ

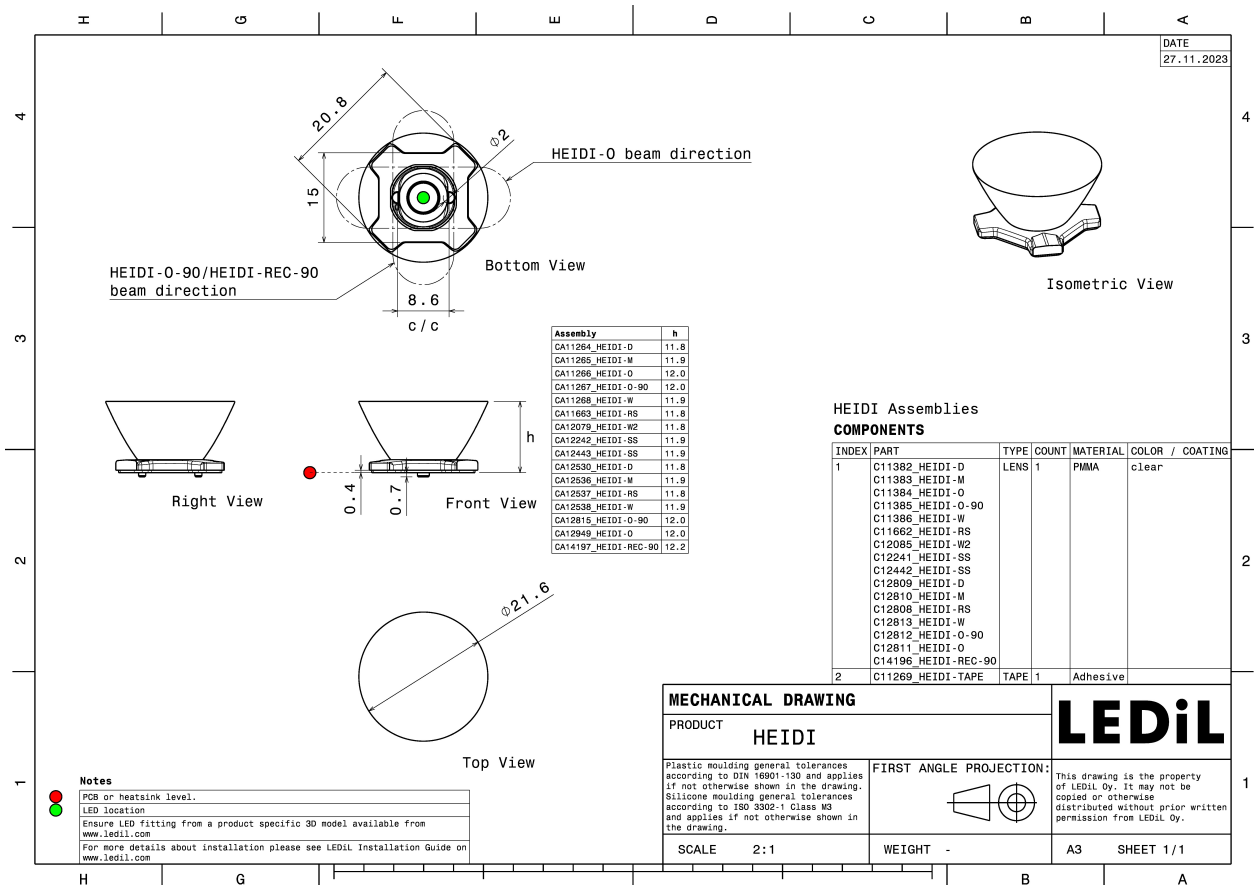
MATERIALS:

Component	Type	Material	Colour	Finish
HEIDI-REC-90	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14197_HEIDI-REC-90	Single lens	3264	204	204	10.4
» Box size: 480 x 280 x 300 mm					

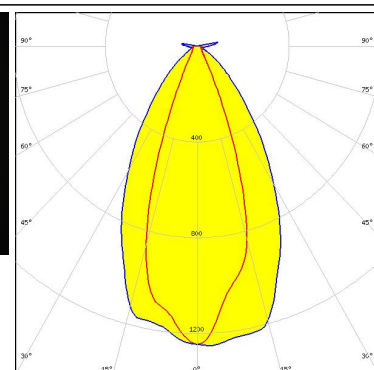
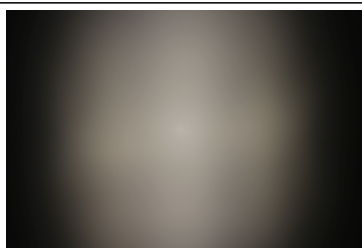


See also our general installation guide: www.ledil.com/installation_guide

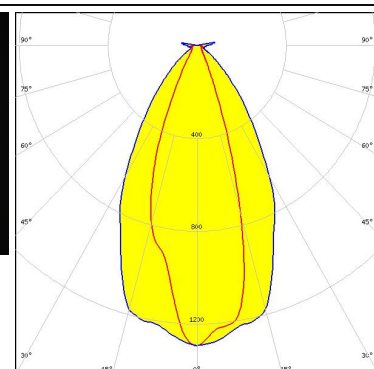
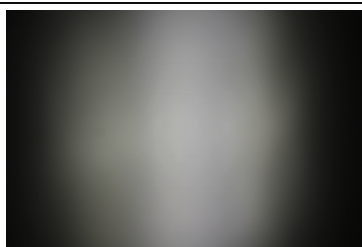
OPTICAL RESULTS (MEASURED):



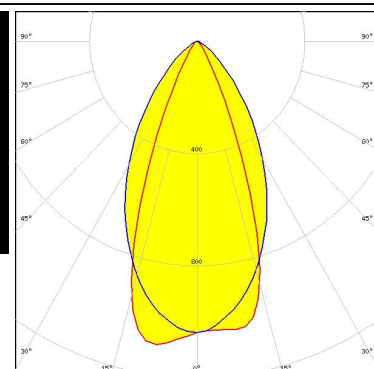
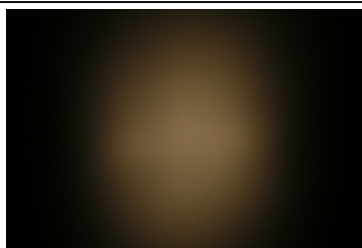
LED XQ-E HD
FWHM / FWTM 37.0 + 60.0° / 57.0 + 103.0°
Efficiency 88 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



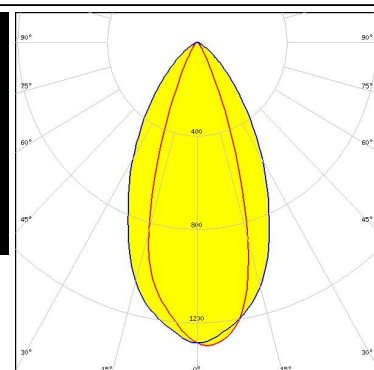
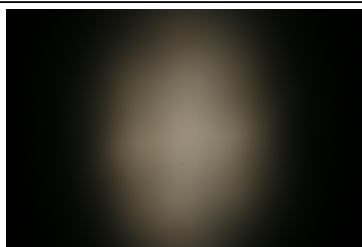
LED XQ-E HI
FWHM / FWTM 35.0 + 60.0° / 58.0 + 102.0°
Efficiency 87 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel
FWHM / FWTM 42.0 + 59.0° / 63.0 + 103.0°
Efficiency 78 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM SSL 150
FWHM / FWTM 36.0 + 57.0° / 57.0 + 100.0°
Efficiency 78 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



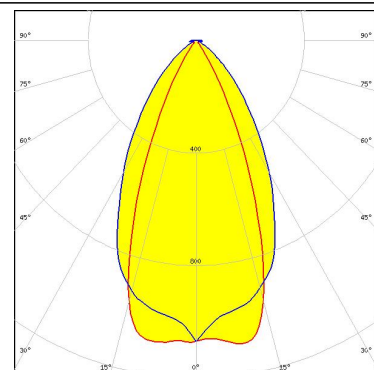
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

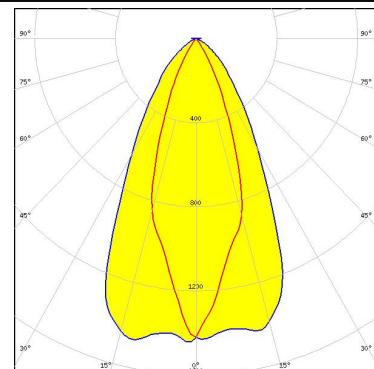
LUMILEDS

LED LUXEON HL2Z
FWHM / FWTM 44.0 + 60.0° / 66.0 + 103.0°
Efficiency 87 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



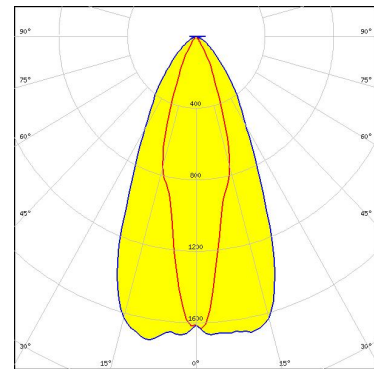
LUMILEDS

LED LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM 35.0 + 56.0° / 61.0 + 100.0°
Efficiency 88 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



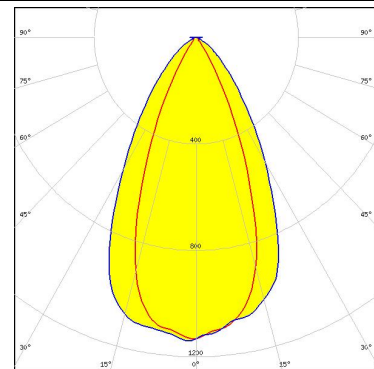
LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 26.0 + 50.0° / 56.0 + 94.0°
Efficiency 83 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

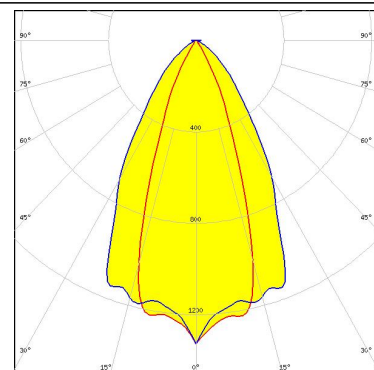
LED LUXEON TX
FWHM / FWTM 42.0 + 59.0° / 65.0 + 101.0°
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



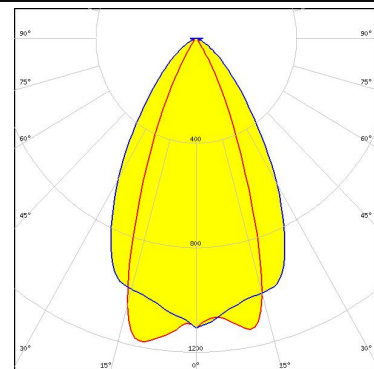
OPTICAL RESULTS (SIMULATED):



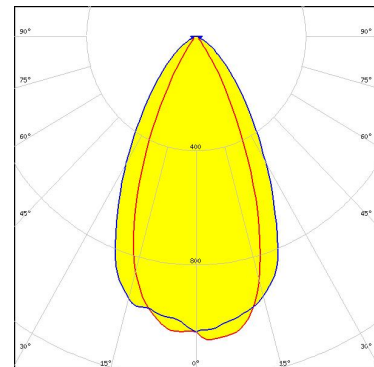
LED LUXEON Z ES
 FWHM / FWTM 37.0 + 62.0° / 60.0 + 102.0°
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



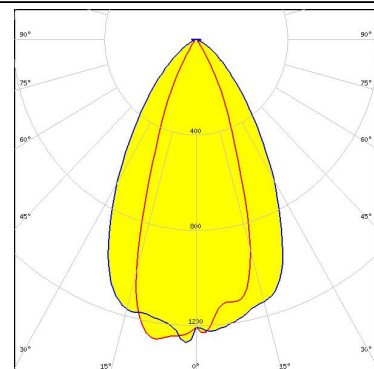
LED NCSxx19A
 FWHM / FWTM 41.0 + 64.0° / 61.0 + 104.0°
 Efficiency 89 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 45.0 + 60.0° / 68.0 + 102.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



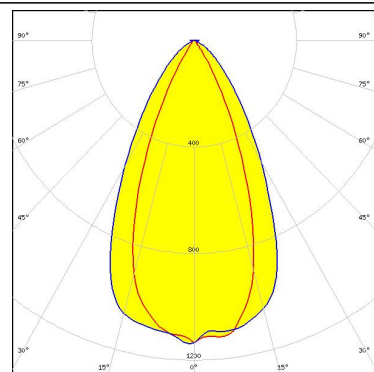
LED OSCONIQ P 3030
 FWHM / FWTM 38.0 + 62.0° / 61.0 + 104.0°
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	43.0 + 58.0° / 65.0 + 100.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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